

产品名称: TDP43 Mouse Monoclonal Antibody
产品货号: AMM83012



产品概述 (Summary)

产品名称 (Production Name)	TDP43 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TDP43
别名 (Alternative Names)	ALS10; TDP-43
基因 ID (Gene ID)	23435.0
蛋白 ID (SwissProt ID)	Q13148.Purified recombinant fragment of human TDP43 (AA: free peptide) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	44.7kDa

研究背景 (Background)

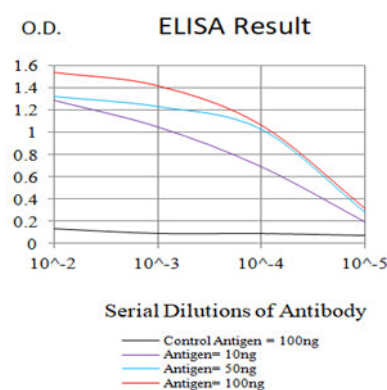
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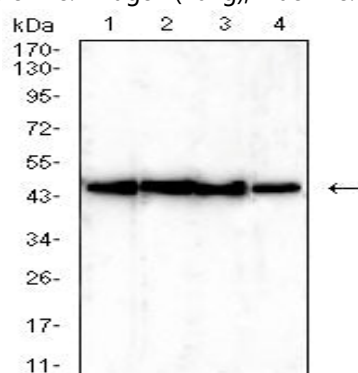
HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene is a transcriptional repressor that binds to chromosomally integrated TAR DNA and represses HIV-1 transcription. In addition, this protein regulates alternate splicing of the CFTR gene. A similar pseudogene is present on chromosome 20. [provided by RefSeq, Jul 2008]

研究领域 (Research Area)

图片 (Image Data)

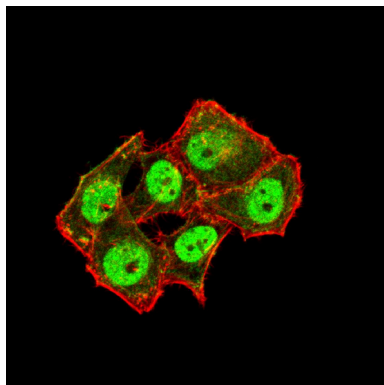


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

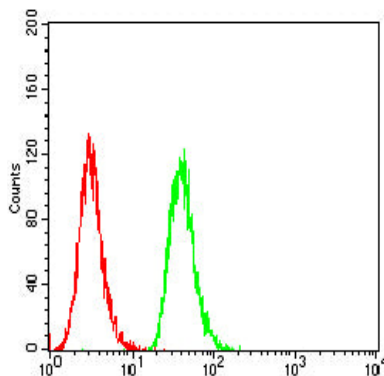


Western blot analysis using TDP43 mouse mAb against HeLa (1), HEK293 (2), MCF-7 (3), and A549 (4) cell lysate.

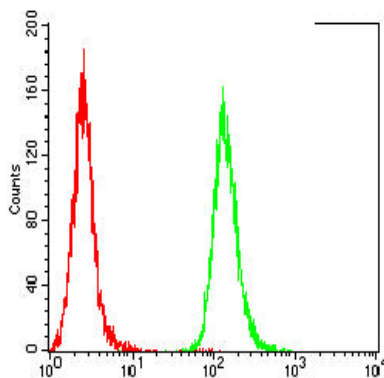
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Immunofluorescence analysis of HeLa cells using TDP43 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

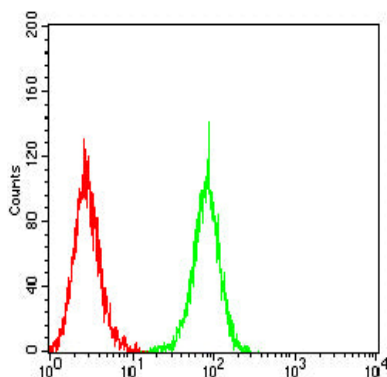


Flow cytometric analysis of A431 cells using TDP43 mouse mAb (green) and negative control (red).

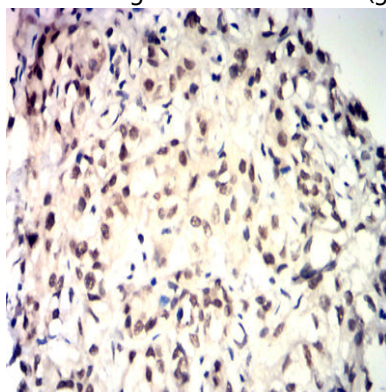


Flow cytometric analysis of HeLa cells using TDP43 mouse mAb (green) and negative control (red).

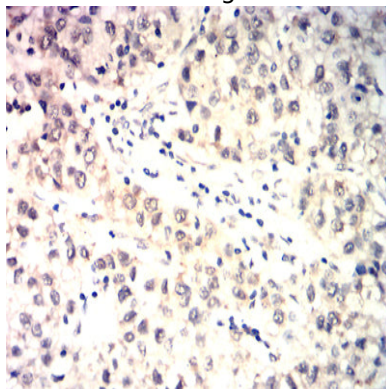
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Flow cytometric analysis of HepG2 cells using TDP43 mouse mAb (green) and negative control (red).

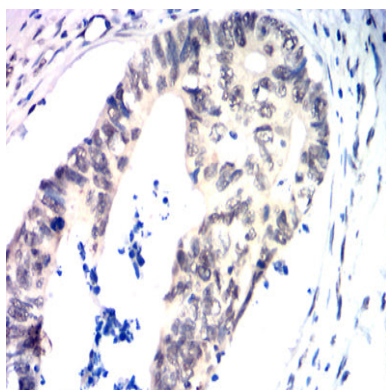


Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using TDP43 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using TDP43 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using TDP43 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .